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DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

Attorney Docket
31601-157492

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COLD-ACTIVE BETA GALACTOSIDASE, THE PROCESS FOR ITS PREPARATION AND THE USE THEREOF, the specification of which

[] is attached hereto.

[X] was filed on February 9, 2000, as Application Serial No. 09/501,136,

[] was filed under the Patent Cooperation Treaty on _____ Serial No. _____ the United States of America being designated, and was amended on _____ [if applicable].

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/143,114	July 9, 1999

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



26694

PATENT TRADEMARK OFFICE

VENABLE is located at Suite 1000, 1201 New York Avenue, N.W., Washington, D.C. 20005-3917, Telephone: (202) 962-4800, Telefax: (202) 962-8300. Address all correspondence to VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

The undersigned hereby authorizes the registered U.S. attorneys and agents identified herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the registered U.S. attorneys and agents identified herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: Anne Hoyoux
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Date: 12/14, 2001

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Date: 12/13, 2001

Signature: Phillip Dubois
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Date: 12/14, 2001

Signature: Etienne Baise
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BELGIUM

Date: 12/14, 2001

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DECLARATION FOR UNITED STATES PATENT APPLICATION

Date: 12/17, 2001

Date: 12 / 24, 2001

Date: 12/14 2001

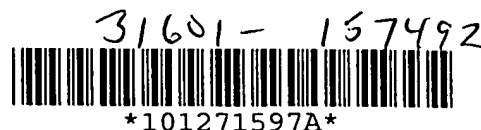


645 (Cm)
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 21, 2000

PTAS

VENABLE, BAETJER, HOWARD, ET AL
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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/2000

REEL/FRAME: 010551/0883

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GERDAY, CHARLES

DOC DATE: 11/16/1999

ASSIGNOR:

HOYOUX, ANNE

DOC DATE: 11/16/1999

ASSIGNOR:

FRANCOIS, JEAN-MARIE

DOC DATE: 11/16/1999

ASSIGNOR:

DUBOIS, PHILIPPE

DOC DATE: 12/05/1999

ASSIGNOR:

BAISE, ETIENNE

DOC DATE: 11/16/1999

ASSIGNOR:

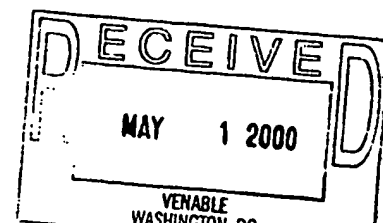
JENNES, ISABELLE

DOC DATE: 01/20/2000

ASSIGNOR:

GENICOT, SABINE

DOC DATE: 12/31/1999



010551/0883 PAGE 2

ASSIGNEE:

UNIVERSITE DE LIEGE
QUAI VAN BENEDEN 25
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SERIAL NUMBER: 09501136
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-18-2000



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OFFICES IN

WASHINGTON, D.C.
MARYLAND
VIRGINIA

U.S. PTO
09/501136
02/19/01

2.9.00
VENABLE
ATTORNEYS AT LAW

TO THE HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Attorney Reference:
31601-157492

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of party conveying the interest:
Charles GERDAY
Anne HOYOUX
Jean-Marie FRANÇOIS
Philippe DUBOIS
Etienne BAISE
Isabelle JENNES
Sabine GENICOT
2. Name and address of party receiving the interest:
Université de Liège
Quai Van Beneden 25
B-4020 Liège, Belgium
3. Description of the interest conveyed or transaction to be recorded:
☒ Assignment ☐ Other:
4. Application Number:
Patent Number:
Registration Number: 09/501136
☒ Document filed together with a patent application executed on
November 16, 1999, December 5, 1999, January 12, 2000, December 31, 1999.
5. Address correspondence concerning this request to: VENABLE, BAETJER, HOWARD &
CIVILETTI, LLP, P.O. Box 34385, Washington, D.C. 20043-9998.
6. Number of Applications, Patents or Registrations and total fee:
Patents: 1 patent rights @ \$40 Total: \$40.00
If no fee is attached, or if a greater or lesser fee is required, please charge or credit out Account No.
22-0261.
7. Date of execution of document: November 16, 1999 (Charles Gerday), November 16, 1999 (Anne
Hoyoux), November 16, 1999 (Jean-Marie François), December 5, 1999 (Philippe Dubois),
November 16, 1999 (Etienne Baise), January 20, 2000 (Isabelle Jennes), December 31, 1999 (Sabine
Genicot)
8. If document is an assignment of a trademark right to an assignee who is not domiciled in the United
States, such assignee has designated a domestic representative
[] per attached designation [] other:
9. To the best of knowledge and belief of the undersigned, the foregoing information is true and correct
and any attached copy is a true copy of the original document.
10. Date: February 9, 2000

Name: John W. Schmeidler

Registration Number: 31,026,260,31

02/18/2000 09:50:136
03 FEB 2001

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

WHEREAS GERDAY Charles et al
hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to Cold-active beta galactosidase, the process for its preparation and for which said assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____, Serial Number [if known] _____

[] said application having been filed under the Patent Cooperation Treaty on _____ Serial No. _____, the United States of America being designated.

AND WHEREAS Université de Liège residing Quai Van Beneden 25 at 4020 Liège, Belgium

_____, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 16th day of NOVEMBER 1999

WITNESSES:

Signature: W. A. L. S.

Name: ANTHEUNIS NICOLE

Address: A. CLEYNHENS LAAN, 194
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Signature: [Signature]

Name: GERDAY Charles

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

- Page 2 -

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Name: HOYOUX Anne

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Name: DUBOIS Philippe

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

- Page 3 -

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ASSIGNOR:

Signature: [Signature]
Name: BAISE Etienne

EXECUTED, this 20 day of JANUARY 2000,

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ASSIGNOR:

Signature: [Signature]
Name: JENNES Isabelle

EXECUTED, this 31st day of December 1999,

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Signature: [Signature]
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ASSIGNOR:

Signature: [Signature]
Name: GENICOT Sabine